

### Estimation and Approximation

Work out an estimate by rounding each number to 1 significant figure.

(a)  $39.3 + 43.2$     (b)  $213 - 108$

(c)  $\frac{876}{29}$                       (d)  $\frac{53-11.2}{4.97-1.1}$

(e)  $\frac{4.9 \times 8.2}{3.91}$                       (f)  $\frac{4.05}{2.1^2}$

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(a)  $2110 - 893$     (b)  $4.6109 + 3.401$

(c)  $\frac{15.2+84.7}{3.97}$     (d)  $\frac{8.49}{1.7}$

(e)  $\frac{9.03 \times 6.2}{2.5^2}$                       (f)  $\frac{5.02^3}{4.865}$

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44.55    44.63    44.67    44.71

When he rounds the two numbers to 1 decimal place, they are equal.

When he rounds the two numbers to 2 significant figures, they are not equal.

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